



lavy-Industry International Dialogu

International Programs Potential Business Opportunities

24 June 2003



Navy International Programs Office

Baseline Procedures and the Way Ahead

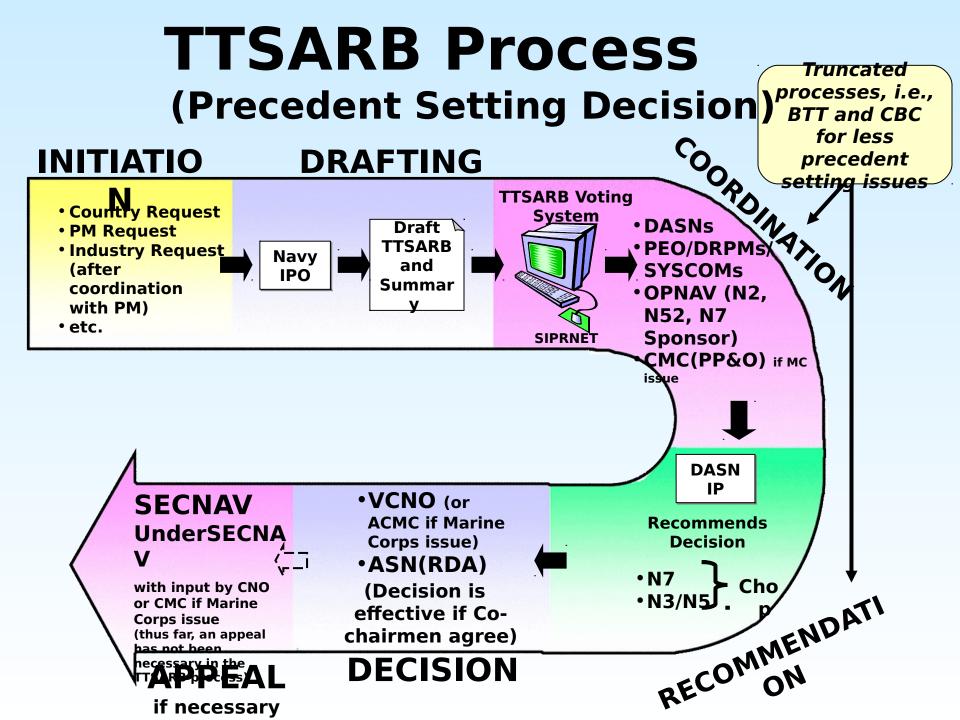
RADM Don Newsome

Deputy Assistant Secretary of the Navy (International Programs)

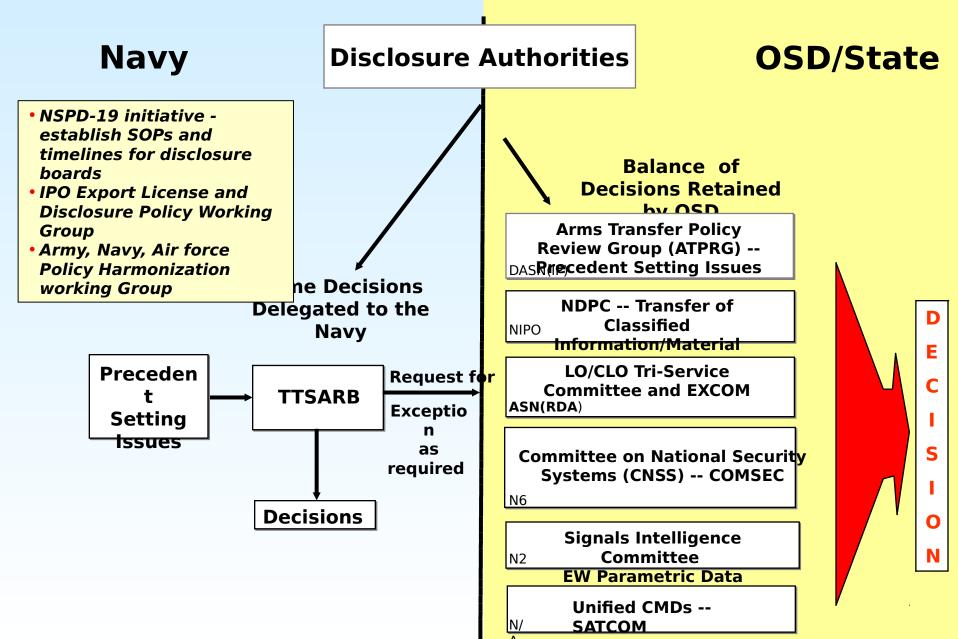
24 June 2003

Agenda

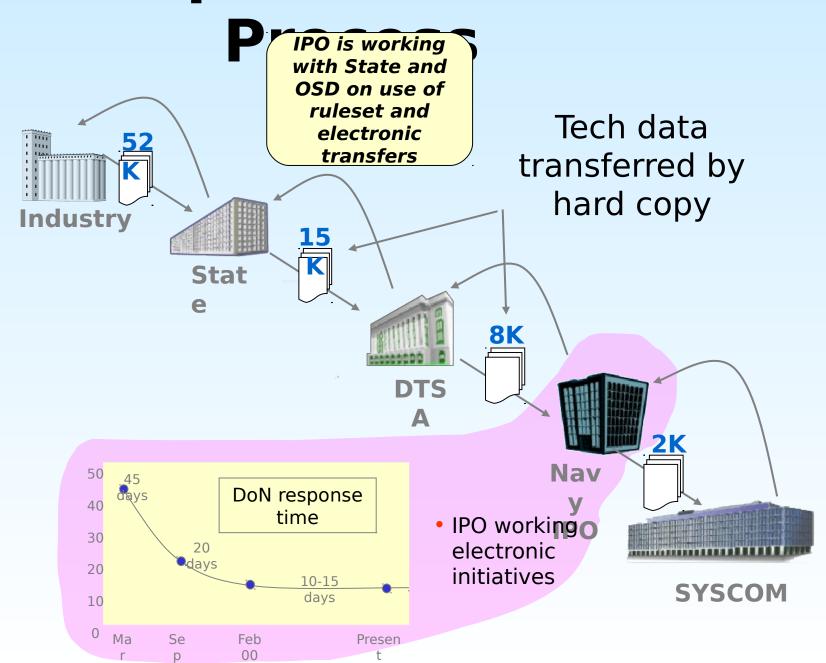
- Technology Transfer/Disclosure Process
- Export License Process
- MOU Process
- Foreign Comparative Testing Process
- FMS Process
- Ship Transfer Process



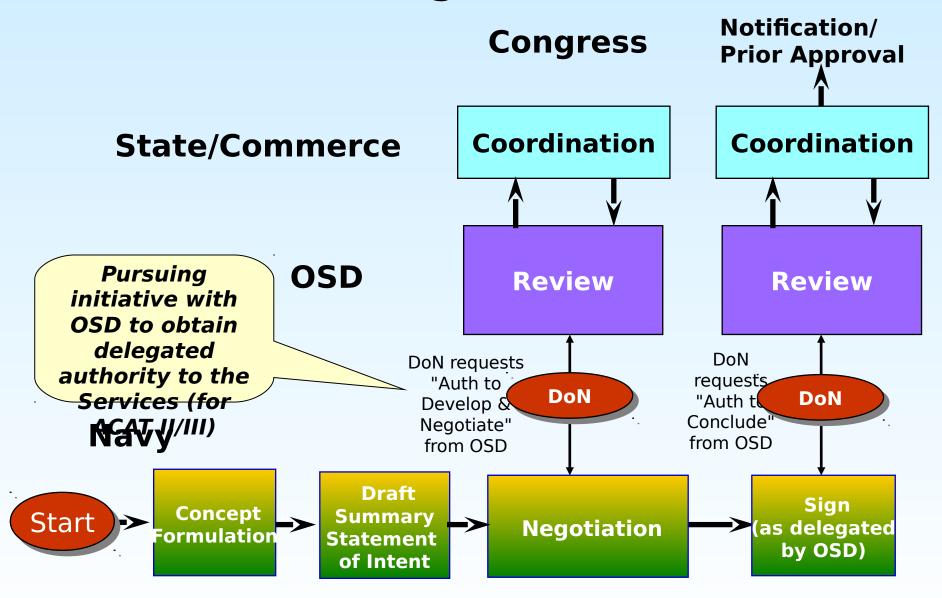
Disclosure Policy Process



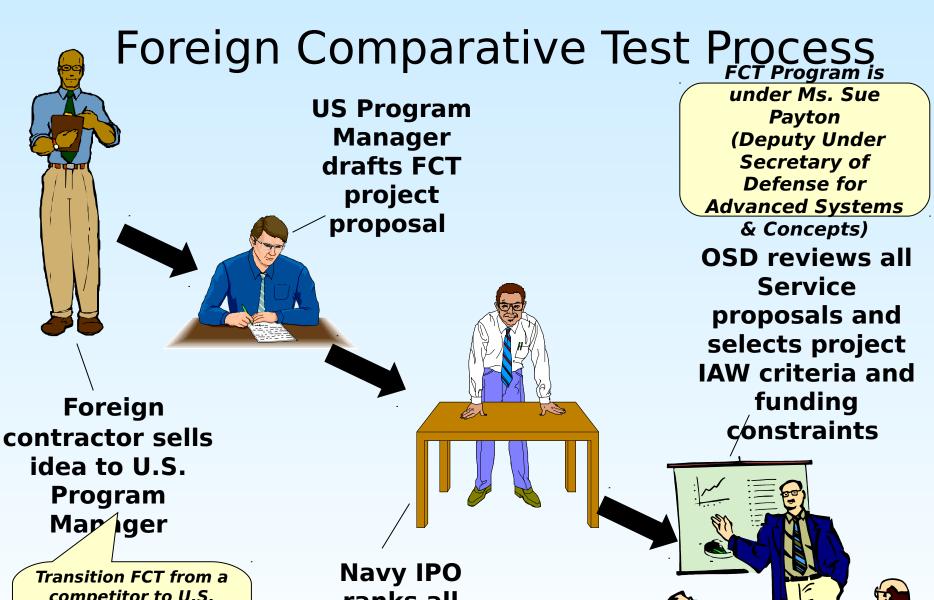
Export License



International Agreement Process



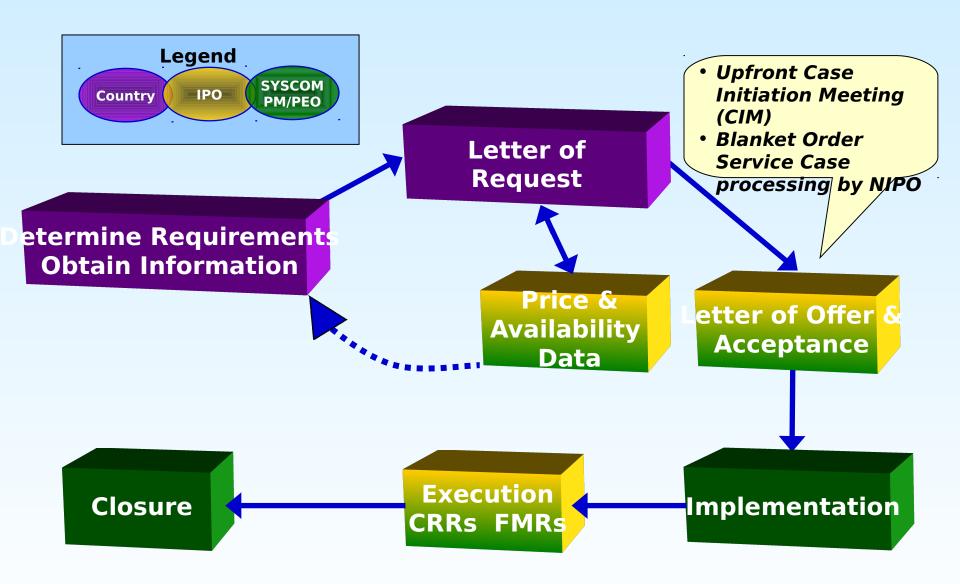




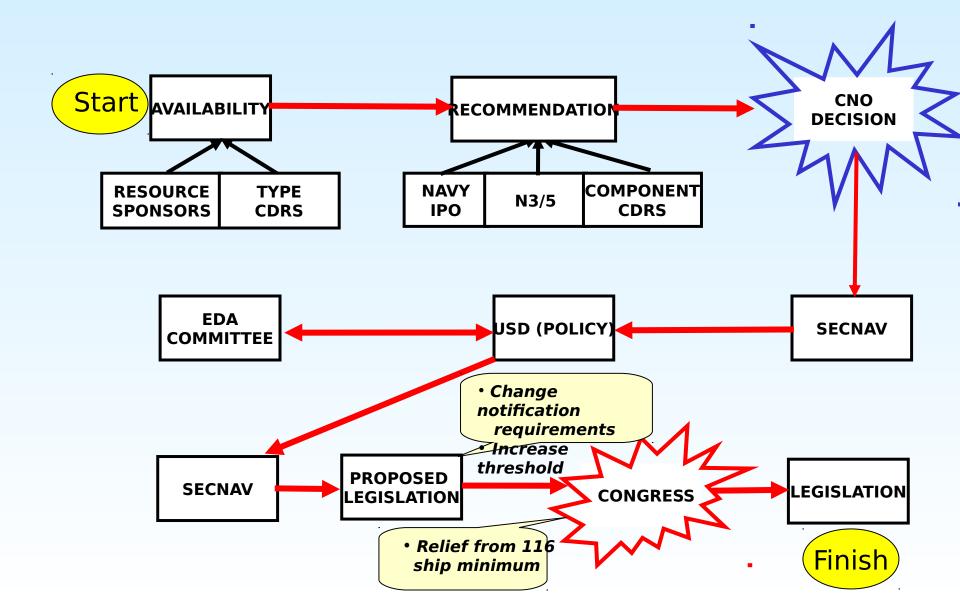
Transition FCT from a competitor to U.S. industry to a partner, e.g., license production agreements and offset credits

Navy IPO ranks all DoN proposals

FMS "Case" Process



Ship Transfer Approval Process







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24 June 2003



Navy International Programs O

International Opportunities

Link Spann

Deputy Director Technology Security and Cooperative

Programs

24 June 2003

Agenda

- Cooperative Opportunity Initiatives
 - In-Process Cooperative International Agreements
 - Data Exchange Annexes
 - Foreign Comparative Testing
 - Cooperative Opportunity Initiative
- Export Policy Initiatives
 - Policies being worked
 - Process Improvement Initiatives
 - How to work the Process

In-Process Cooperative International Agreements

International Agreement **Process Notification**/ Congress **Prior Approval Coordination Coordination** State/Commerce **OSD Review Review** DoN DoN requests requests "Auth to DoN DoN "Auth to Develop & Conclude¹ Negotiate" Navy from OSD from OSD Draft Sign Concept Start > **Summary Negotiation** \geq (as delegated ormulation **Statement** by OSD) of Intent

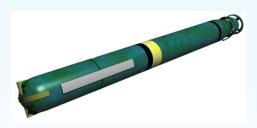


In-Process Unmanned Undersea Vehicle (UUV) Technology

Project Summary

- Potential U.S.-UK project to develop and demonstrate integrated sensor suite and autonomous vehicle systems for demonstration of Intelligence surveillance reconnaissance and anti-submarine warfare mission capability.
- Objective to improve ability to avoid underwater obstacles and to detect, track, classify and communicate positions of underwater threats.
- Project Arrangement (PA) under U.S.-UK Research and Development Umbrella MOU.

- Draft PA provided to the UK for review in mid-May 2003.
- Anticipate PA signature before the end of 2003.





In-Process PAs Under Maritime Missile Defense (MMD) MOU

Project Summary

- Two PAs under the MMD Projects MOU are currently in technical discussions.
- The Modeling and Simulation PA with Germany and the Netherlands will enhance modeling and simulation of missile defense capabilities.
- The Ballistic Missile C41
 PA will initiate a multinational

- Navy is making preparations to offer a draft PA for Modeling and Simulation.
- Authority for negotiation of BMC4I PA is being initiated



International Maritime Surveillance

m-Process

Project Summary

- Navy is proposing multilateral cooperation on development, production, and support of Multimission Maritime Aircraft (MMA) and Broad Area Maritime Surveillance (BAMS) Unmanned Aerial Vehicle.
- Program structured to allow multinational cooperation at differing levels of financial commitment.
- Program will allow nations to focus efforts:
 - MMA Airframe
 - MMA System
 - BAMS Airframe
 - BAMS System
- Industrial participation by partner nations commensurate with investment level negotiated and managed by U.S. prime(s).

- Briefed program to nations February 2003.
- Goal is signature with lead partner nation Spring 2004.
- Overall program (development, production, support) supported by several framework MOU's



In-Process Replacement Combat System

Project Summary

- U.S. Navy and Royal Australian Navy working to define Collins submarine Replacement Combat System (RCS) Program
- Hybrid Program to begin with FMS purchase of some systems and associated engineering support, then transition to long term cooperative program under an MOU
- Cooperative program will encompass joint production of CCS MKII systems, joint upgrade and development, and joint life cycle support

Project Status

- MOU in development to define long term (15+ years) program
- Should be negotiated summer/fall 2003, in place spring 2004
- MOU will include 'best value' provisions for participation of

Australi

In-Process Spartan Scout ACTD

Project Summary

- Demonstrate the Military Utility of Unmanned Surface Vehicles for <u>Assured Access</u> and <u>Force</u> <u>Protection</u> in the littorals.
- Develop, integrate, demonstrate and assess Spartan core system and warfighting modules.
- PA with Singapore to develop Core System, ISR/FP, MIW and Precision Strike/ASuW modules.
- PA with France will demonstrate an ASW module, and NBC and Object Avoidance submodules.

- PA with Singapore signed March 2003.
 Negotiations with France pending.
- Demonstration period August 2003 - October 2005.
- Transition to fleet



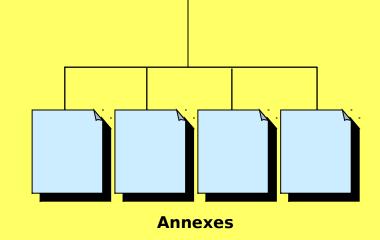
Data Exchange

Data/Information Exchange Agreement (DEA/IEA) Agreement Hierarchy

Authority Retained By OSD

Master
Data/Information
Exchange Agreement

Authority Delegated to Navy



Navy has over
 300 DEA/IEA
 annexes with
 27 countries

DoN R&D Data Exchange Program

- Navy IPO manages the DoN R&D Data Exchange Program
- Program is the authorized means to exchange R&D data with foreign governments
- Exchanges are conducted under technology-specific Annexes to Master Data/Information Exchange Agreements
- Exchange Program has been the source of many cooperative program initiatives

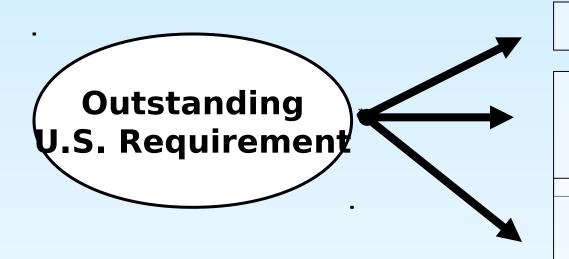
Areas of Interest for Future Exchanges

- Maritime surveillance/patrol platforms
- Electric ship technologies
- Ship Design techniques and technologies
- Surface warfare systems technologies
- Single integrated air picture technologies
- Transformational technologies

Foreign Comparative Testing

Foreign Comparative Test Process US Program Manager drafts FCT **OSD** reviews project all Service proposal proposals and selects project IAW criteria and funding **c**/onstraints **Foreign** contractor sells idea to **US Program** Manager **Navy IPO** ranks all **DoN** proposals

Foreign Comparative Testing



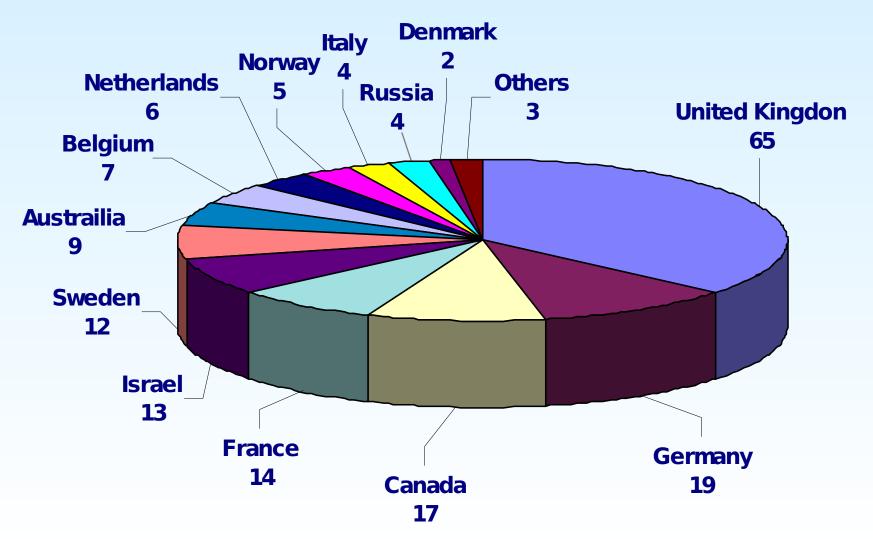
Goes Unfulfilled

New
Development
Program
Off-the-shelf
Allied system
MAY meet
requirement

- FCT Program provides funds to test allied Non-Developmental Items (NDI)
- Budgeted funds for production of item is a key criteria

FCT Measures of Success **Vendor Taxpayer** abcdjhijklmefgaby **R&D Cost** abcdjhijklmedfycd **Production Avoidance Procurement** abcdjhijkime avcdedgdfzg era Warrior abcdjhijklm Congress/DoD abcdjhijklmedi **CONGRES**S abcdjhijklmevfgbg PROfes UKEMENT avcdedgdfzgbcdag abcdjhijklmefghby bcdjhijklmedfyce abcashijklmey.gbg fdr **Accelerated Fielding Commitment to Allies**

International Participation in DoN's Foreign Comparative Testing (FCT) Program



Technology Interest AreasNavy

Components and Sub-systems to incorporate into:

- Shipbuilding capabilities, such as items for:
 - LPD-17 amphibious ship construction and supporting systems.
- Littoral warfare, such as submarine operations.
- Mine warfare, minesweeping, ROVs.
- Unmanned underwater vehicles, particularly:
 - Untethered autonomous vehicles.
- Light Detection and Ranging (LIDAR) systems, particularly:
 - LIDAR employed from aircraft to search the ocean
 - LIDAR employing in-water sensors
- Force Protection systems, particularly for:
 - Ships anchored or moored in or near a harbor
- Very shallow water mine and obstacle clearance systems.
 - Particularly interested in 10-foot water depth up to the beach.
- Fiber-optic ring laser gyro systems.

Technology Interest Areas<u>Marine Corps</u>

Components and Sub-systems to incorporate into:

- Joint Tactical Radio System (JTRS)
- Advanced Amphibious Assault Vehicle (AAAV)
- Expeditionary Fire Support System (EFSS) (120mm mortar system)
- High Mobility Artillery Rocket System (HIMARS)
- M1A1 Tank, Firepower Enhancements Program (FEP)
- Lightweight 155mm Howitzer (LW155)
- Systems employing Thermal Weapon Sights (TWS)
- Light Armored Vehicle Command & Control upgrade program
- Ground Weapons Locating Radar (GWLR)
- Family of Incident Response Systems (FIRS), including:
 - NBC Detection, Decontamination, Medical, and Protection
- Tactical Water Purification System (TWPS)
- Joint Biological Point Detection System (JBPDS)

Foreign Comparative Test - Key Info

Total Program FY 2003		\$33M (OSD PE)
Management/POC:		OSD (AT&L/AS&C/FCT) LTCOL Rocky Reiners email: Rockford.Reiners@osd.mil phone: (703) 602-3740
Navy/POC:		Navy International Programs Office Mr. Michael Locke email: Michael.locke@navy.mil phone: (202) 764-2448
Key Dates	15 January	Summary proposal submission deadline for following fiscal year
	1 June	Final proposal submission deadline for following fiscal year
	1 August	Project selection announcement for following fiscal year
"Typical" Project Funding		\$200K - \$4M (over 1 to 3 fiscal years)

U.S. Industry on FCT

Yesterday's Perceptions:

- Limited involvement
- FCT was a competitor
- Not a FCT supporter

Tomorrow's Opportunities:

- Leverage FCT as a tool to work on "offset" commitments to the extent permitted by USG policy
- Advocate FCT project to Service
- "Mentor" foreign partner
- License product in advance
- Influence U.S. government support

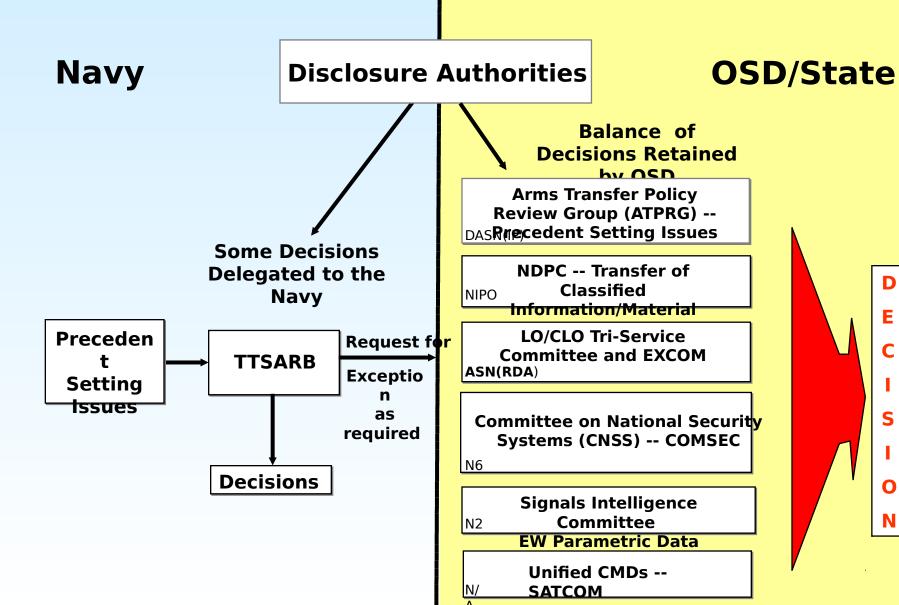
Cooperative Opportunity Initiative

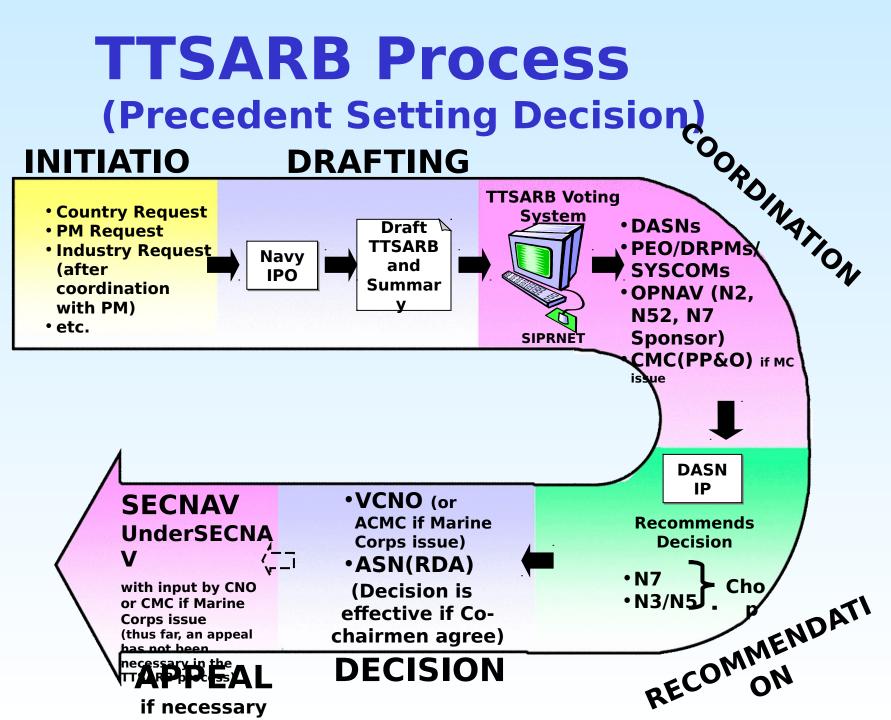
Cooperative Opportunity Initiative

- IPO-01 is centralizing a cooperative opportunity identification function
- Goal is to capture N3/N5, ONR, SNR, and IPO international technology efforts to develop a coordinated/prioritized international strategy
- Initiative will include:
 - Assessment foreign technology
 - Determination of warfighter priorities/budget
 - Determination of milestones/schedules
 - Identification of points of contact

Export Policy Initiatives

Disclosure Policy Process





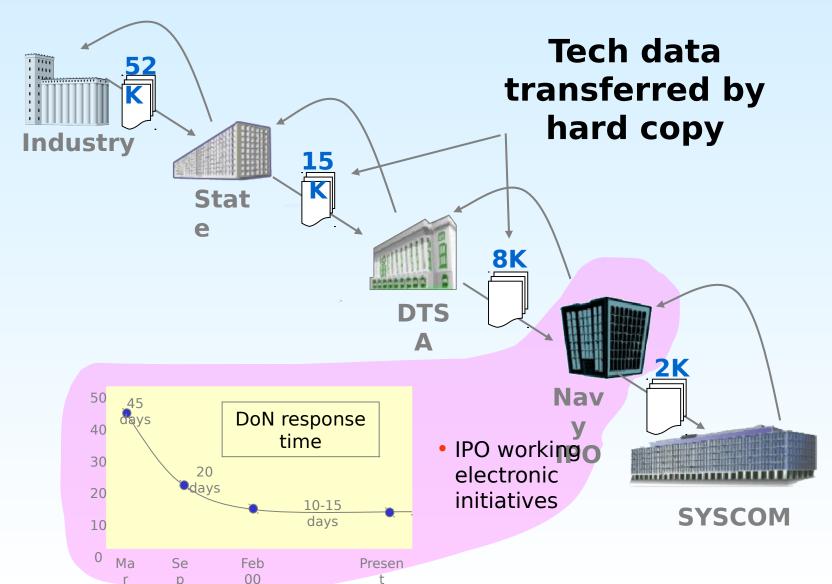
Major Policy Initiatives

(Next 12 Months)

- TomahawkMissile
- UAV
- UUV
- JSF
- Reconnaissance Pods
- Targeting FLIRs
- AN/SPY-3

- Airborne Towed Decoys
- TBMD
- Torpedo Defense
- Maritime Helo
- MMA/BAMS
- Taiwan Diesel Sub
- JSOW

Export License Process



Export License Initiatives

- Developed automated ruleset for the Services to improve the staffing process.
- Working with DTSA to implement a fully automated process with projected roll out date of April 2004.
- Participating in DTSA-led initiative to improve the clarity, consistency, and applicability of DoD provisos on license requests.

Process Improvement Initiatives

- NSPD-19
 - Establishing standard operating procedures for the various disclosure boards including timelines
 - Automation of export license process to include rulesets
 - Export License proviso reform
- IPO Export License and Disclosure Prioritization meetings
- Army, DoN, USAF Policy Harmonization Working Group

Working the Process

- Understand the disclosure (TTSARB, NDPC, LO/CLO) and foreign transfer processes (export license, ITAR exemption)
- Know the (DoN, DoD, USG) polices related to your systems
- Coordinated actions should be "timeline appropriate"
 - Export configuration -- concurrent with initial design
 - Policy change -- 12 to 18 months prior
 - Export license -- 3 to 5 months prior
- Know the interested DoN and DoD offices and their concerns/issues





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Navy International Programs O

Security Assistance Business Opportunities and Initiatives

CAPT Elliott Powell

Director of Security Assistance, Navy International Programs Office
24 June 2003

Agenda

- Security Assistance Strategy
- LOA Development Improvements
- Business Opportunities
- Ship Transfer Initiatives
- Customer Service
- Way Ahead



Secritarie Assistante

Navy IPO Top 5 Goals

Programs

 Subs, KIDDS, P-3, C4I, Aegis, Tomahawk, Joint Strike Fighter, etc

Improve Processes

Export Licensing, Disclosure Policy, MOUs, LOAs, FMS Budget

Improve Communications

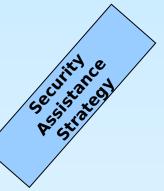
 Company Days, NIID, DoN/DoD Exec Updates, Newsletter, Country Summaries, Four Flag and SC-5 meetings

Personnel

CCAS (OSD workforce demonstration project), International acquisition career path training

Campaign Plans

- F/A-18E/F, V-22, and MMA/P-3 complete, many more in work



Areas of Emphasis and Concern

- Growth of hybrid and cross- MILDEP programs require additional Workyears and training to meet increased effort
- Need to adapt the "FMS Process" to changes in foreign acquisition environment (e.g. Canadian AIM-9X purchase)
- Competition from foreign nations requires more interaction
- Synchronize Foreign Buys with DoN Acquisition Plans for Economies of Scale
- Congressional Oversight of Ship Transfer
- Business Process Improvements (e.g., CEMIS, PPBS, PBC, BPR) may overload existing workforce and expertise

security ce psystated a

Customer Concerns

- FMS/DCS Hybrid cases, Team International, Contract Type (e.g., FFP or NTE)
- Participation in LOR/LOA development
- Transparency/Information in case execution and financial management
- Releasability and Disclosure streamlining
- Country Program Director as advocate for the customer Cooperation
 - Gov't/industry coordinated response, Team USA, Hybrid cases
- Transparency- in LOR, LOA development process, pricing and more
- Flexibility- in contrast to One Policy Fits All approach
- Responsiveness tailor response to customer requirements
- Timeliness response time is an essential part of quality service
- Customer Care Ombudsman



LOA Development Improvement

- FMS customers desire, and sometimes require, LOAs faster than DoN produces them
- Approximately
 25% of DoN LOAs
 do not meet 120
 day process goal





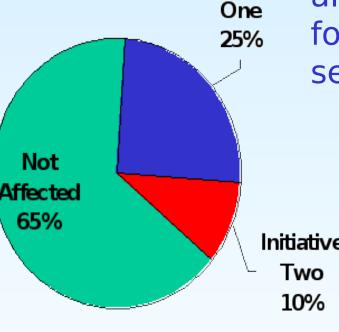
LOA Processing Time

- 1250 LOAs, Amendments and Mods annually
- Anticipate 30% growth in Amendments/Mods
- Good News: Overall 92 day average to process LOAs
- Bad News: Generally when customers get upset, they are not looking at averages -they are looking at what is happening to them on an individual case.

LOA Developments

LOA Development

Universe of FMS Case it at the will develop



all Blanket Order Cases for Services, vice sending to SYSCOMs

Navy IPO will hold
"Case Initiation
Meetings" (CIMs) for
Initiative about a third of all
Two Defined Order Cases
10% for Systems (most

Even though we are changing procedures for only 35% of the cases, we are estimating a 23 day reduction in LOA development

time a avarall

ynchronize Foreign Buys

LOA Preparation (120 Days)

LOA 36B Congressional Notification (60-90 days)

Acceptance of LOA by Customer (90-120 days)

LOA Implementation (21 days)

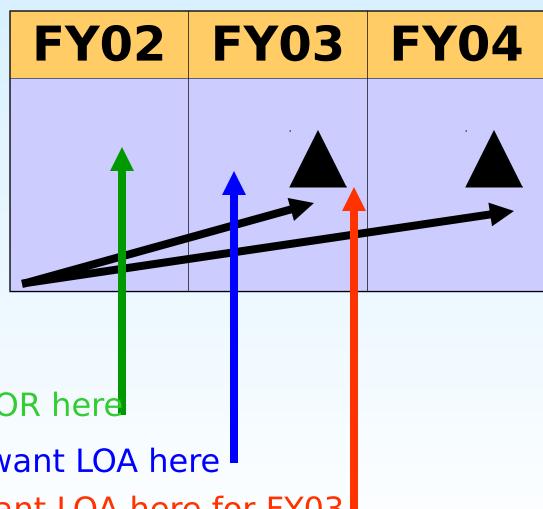
Contract award (With LOA/funding at least 3 months prior)

> Annual Contract Award for US Requirements

For FY03 Buy, want LOR here

For FY03 Buy, want LOA here

Don't want LOA here for FY03



Development of the last of the

LOAs in Development

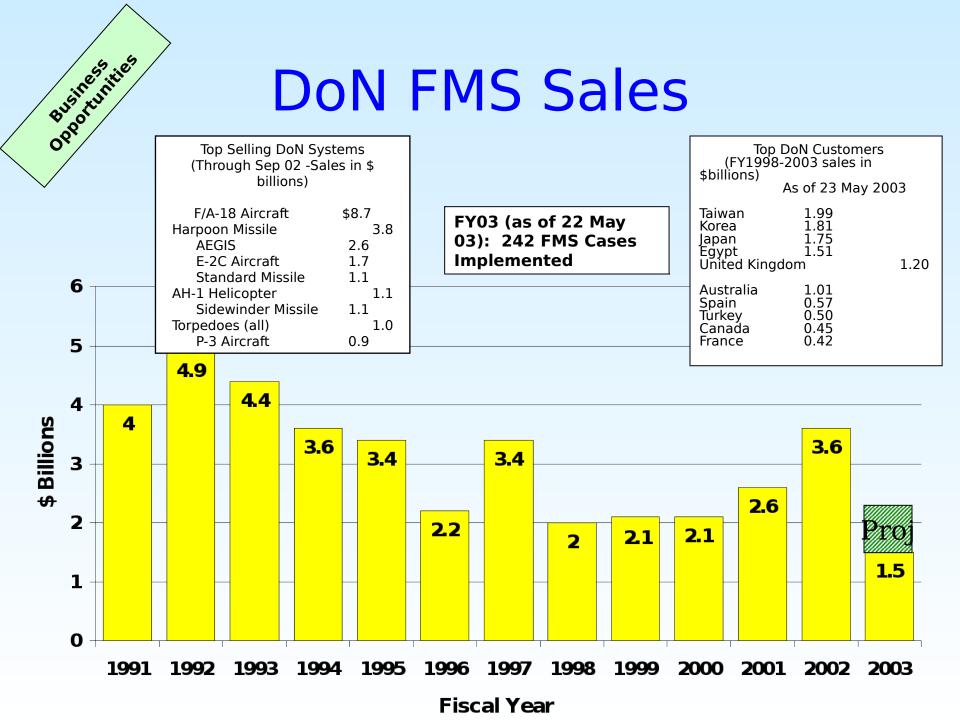
Snapshot" of Significant FMS LOA Activity (as of 20 June)

LOR Received (+ For P&A)	LOA Development (+ For P&A)	DSCA/Sta te For	Offered to Customer (+ For P&A)	Accepted by Customer			
• Nothing To Report	 ESSM SH-2 Helo SH-3H Helo JSOW JTIDS/LINK16 P-3C/FF/DD/ Radar/SM-2+ Sub Combat System Aegis Maritime Helo + TF-30 P414 Engines MK 54 Torp SM-2 BLK IIIB LPD + P-3 E-2C Harpoon AIM-9M RAM CIWS TA-4J + LAU-127 Launchers MK41 VLS BL VI E-2C ECP Kits Tomahawk Missile and 	• Approval Report	 E-2C Predator Anti-Armor Weapon + LINK 16 SM-2 BLK IIIB AIM-9M + AIM-9X + Harpoon SM-2 Tactical and Telemetry Missiles 76MM/20MM Ammo RIM-7M Upgrades MK 48 Torp + MIDS SM-2 BLK IIIA E-2C + LINK 11 Predator Anti-Armor Weapon + P-3 Support AIM-9X SM-1 	V Blanket Order Trng • CEC for TYPE 45 FF • Harpoon			

Significant FMS LOAs Implemented within the last 30 days: AAV , Aerostat Radar , KIDD DDGs,

Significant LOAs Not Accepted by Customer: Nothing To Report

"Bold" Indicates changes from last report.



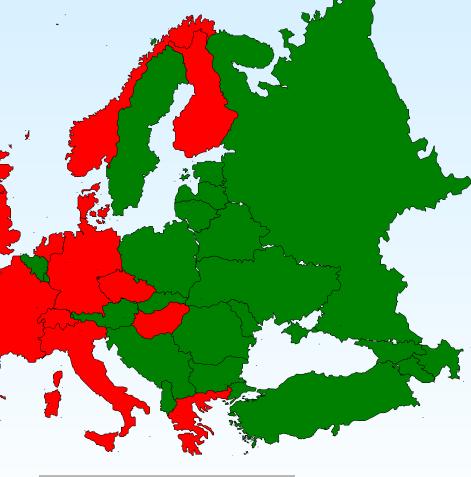
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EUCOM Major Programs

Potential Programs

 New Fighter Program (SZ, EZ)

- F/A-18 (FI, SZ)
- SM-2 Blk II (GY, GR, SP)
- MIDS (GR)
- Air Missiles (HU)
- JSF
- MV-22 (UK)
- P-3 (IT)



AOR Totals

Number Cases: 2,132

Total Case Value: \$16.1B

CENTCOM

Jeger Programs

Opportunities

Major Programs

E-2C Aircraft (AE)

Fast Missile Craft (EG)

Diesel Submarines (2) (EG)

ESSM (AE)

P-3C Support Case (PK)

LASS (EG) (Low
 Altitude Surveillance St

CLAWS

(Complementary Low Altit

Weapons System) (KU) (EG)

AOR Totals

Number Cases: 380

Total Case Value: \$12B

Opportunities Opportunities

10RTHCOM/SOUTHCOM Major Programs

Potential Programs

- RAM/ESSM/Harpoon/AIM-9X (BR, CI, CI)
- New Ship Construction (CI)
- SPRUANCE Transfers (BR, CI)
- C4I-Link 11 COMSEC (BR)
- JSOW (CN)

AOR Totals

Number Cases: 538

Total Case Value:

\$1.59B



Queiness titles

PACOM Major Programs

Potential Programs

- Additional Aegis (JA)
- P-3s (TW, KS)
- MIDS (JA)
- Sea Based Missile Defense/SM-3
 (JA)
- Interoperability on AAW DD (AT)
- F/A-18 E/F (SN, MF)
- CEC (AT)
- E-2C (MF)



AOR Totals

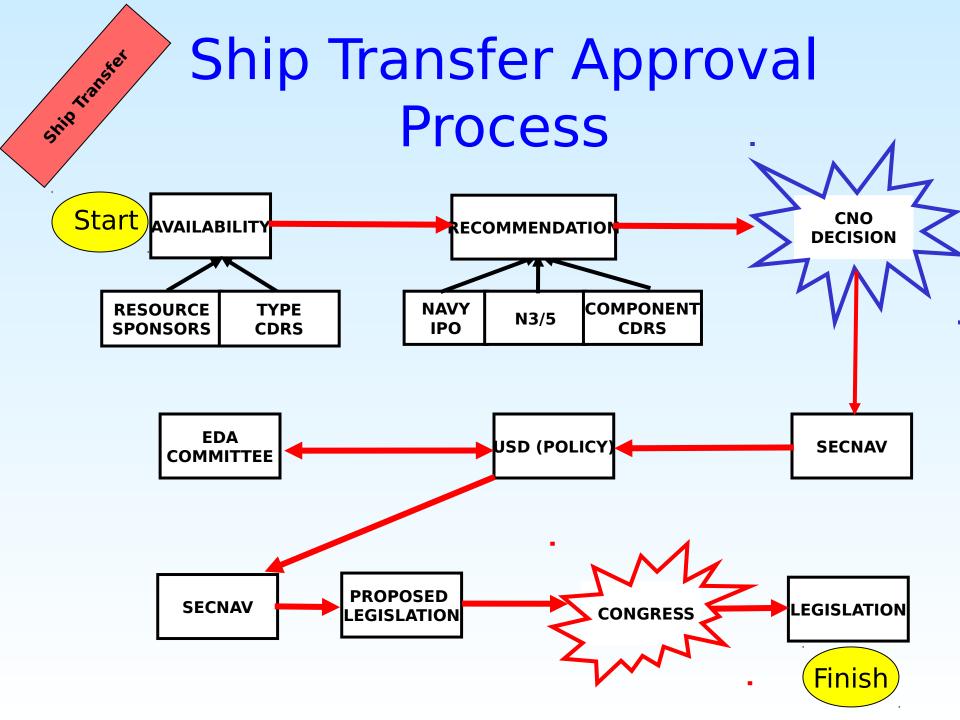
Number Cases: 1,413

Total Case Value:



New Program Developments

- UAE E-2C Program
 - 5 refurbished A/C awaiting acceptance
- Japan follow-on Aegis programs
 - LOA for 6th system expected July 03
- Taiwan KIDD Class Destroyer Program
 - LOA signed for four KIDD DDGs on 30 May 03
 - LOA signed for Harpoon Blk II missiles on 30 May 03
 - Project SM-2 missile LOA will be signed by 30 Jun 03



Congressional Oversight of Ship Transfers

Section 7303(b)(1) of Title 10 of the U.S. code



Ship transfer

Legislatio n Required



- Congressional Notification is required to transfer a ship. (AECA Sec 21, or AECA Sec 62, or FAA Sec 516, or AECA 36b)
- A naval vessel in excess of 3,000 tons or less than 20 years of age may not be transferred to another nation except as explicitly authorized by law.
- We would like to increase threshold, change notification or otherwise increase flexibility for DoN in ship transfer policy.
- Working legislative initiative for relief from 116 combatant

Ship Transfer

Ship Transfers & Sales Completed After July 2002

Country	Ship	USN/ USCG	Transfer Date
Dominican Rep	CGC White Sumac (540)	USCG	1-Aug-02
Philippines	Cyclone (PC-1)	USN/ USCG	26-Nov-02
Mexico	Frederick (LST-1184)	USN	25-Dec-02
Nigeria	CGC Sedge (402)	USCG	31-Dec-02
Colombia	Durable (628)	USCG	15-Mar-03
Sri Lanka	Courageous (622)	USCG	15-Mar-03
Azerbaijan	82' Pt. Brower	USCG	28-Mar-03
Nigeria	CGC Cowslip (277)	USCG	31-Mar-03
Nigeria	CGC Firebush (393)	USCG	31-Mar-03
Turkey	Estocin (FFG 15)	USN	4-Apr-03
Nigeria	Sassafrass (401)	USCG	30-Apr-03

Ship Transfer

FY04/05 Potential Ship Transfers

Hull/Name

USS GEORGE PHILIP (FFG 12) USS SIDES (FFG 14) USS ANCHORAGE (LSD 36) USS MOUNT VERNON (LSD 39) USS KIDD (DDG 993)

Hull/Name

USS CALLAHAN (DDG 994)

USS SCOTT (DDG 995)

USS CHANDLER (DDG

996)

USS FLETCHER (DD

992) USS OBRIEN (DD

975)

This chart is revised since 24 June 03 NIID to reflect a decision to delete all CYCLONE class Patrol Craft

Customer Service

Customer Service

- Timely Information
 - EDA
- Transparency
 - Team International
- Communication
 - NIID, Company Day
- Adapting to Changing Environment
 - Resource Utilization



Excess Defense Articles

- Navy IPO messages requested countries provide updated list of items of interest
- Goal is transparency in EDA availability and strategic effort to match requirements with assets.
- EDA transfers often lead to ancillary programs

Customer service

Team International

- Current Teams
 - Heavy Lift
 Helicopter
 - Chile
 - Aegis
- Achievements
 - South Korea signed Aegis LOA

- Future Contributions
 - Team JSF
 - Chile AAW FG shipyard downselect December 2003
 - Japan Aegis LOA to be offered in June

customer Servi

Communication with Industry

- Company Days (24 to date)
- NIIDs (16 to date)
- Senior Official Travel
 - Who, Where, When
 - Who, Where, When
- Action Item Tracking Database (Snapshot on Right)

Company	Event Date	Ope n Al	Close d Al	Tota I AI
BAE				
BAH				
Bell				
Boeing				
DynCorp			Y	
EDO				
Finnemecc ia	,4		_ (
GD				,
GE				
Honeywell				
ITT				

proved Resource Utilization

What We Have Done to Improve

- Team International
- Campaign Plans
- RFP Tracking
- Case Execution and Performance Tool (CEPT)
- PPBS and PBC
- International Affairs Certification
- QRB, CIM and LOA Conferences
- Country Summary Papers
- Integrated Closure and Execution Team
- Realign 02 organization to reflect establishment of NORTHCOM

<u>What We Plan to</u> <u>Do</u>

- Continue to develop ongoing initiatives
- Consolidate work done at CLF/CPF to IPO
- Develop LOA Production Guidelines
- Develop Strategic Planning
- Conduct a true "zerobased" review for IPO
- International Activities Database

Way Ahead

- Sales continue to be strong, but as programs grow, challenges increase in competitive environment
- Coordinating U.S. requirements with Allies
- Continuing to develop innovations to improve process
- Using existing resources in most efficient manner





Q&A





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International Programs Potential Business Opportunities

24 June 2003